

Updated

## Freeform Search

**Database:** US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Term:** L25 and (tube or tubular or cylinder or cylindrical or pipe)

**Display:** 10 **Documents in Display Format:** - **Starting with Number** 1

**Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

Interrupt

## Search History

DATE: Friday, July 01, 2005 [Printable Copy](#) [Create Case](#)

| <u>Set</u><br><u>Name</u> | <u>Query</u>  | <u>Hit</u><br><u>Count</u> | <u>Set</u><br><u>Name</u><br>result<br>set |
|---------------------------|---|----------------------------|--|
| side by side              |   |                            |  |
|                           | DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ   |                            |  |
| <u>L27</u>                | L25 and (tube or tubular or cylinder or cylindrical or pipe)  | 118                        | <u>L27</u>                                 |
| <u>L26</u>                | L25 and (temperature sensor or thermal sensor or temperature detector or thermal detector or temperature probe or thermal probe)        | 2                          | <u>L26</u>                                 |
|                           | DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ   |                            |  |
| <u>L25</u>                | evacuat\$3 debris   | 167                        | <u>L25</u>                                 |
| <u>L24</u>                | L12 and (evacuat\$3 debris)   | 1                          | <u>L24</u>                                 |
| <u>L23</u>                | L18 and (evacuat\$1 debris)   | 0                          | <u>L23</u>                                 |
| <u>L22</u>                | L21 and (impact\$3 particles or dirt or debris)   | 27                         | <u>L22</u>                                 |
|                           | DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ   |                            |  |
| <u>L21</u>                | L20 and (tube or tubular or cylinder or cylindrical or pipe)  | 437                        | <u>L21</u>                                 |
| <u>L20</u>                | L19 and (temperature sensor or thermal sensor or temperature detector or thermal detector or temperature probe or thermal probe)        | 589                        | <u>L20</u>                                 |
| <u>L19</u>                | L12 and (hole\$1 or aperture\$1 or cavit\$3 or bore\$1 or orifice\$1 or air flow path\$1 or air flow passage\$1 or lumen\$1 or slot\$2) | 1280                       | <u>L19</u>                                 |
| <u>L18</u>                | L12 and (hole\$1 or aperture\$1 or cavit\$3 or bore\$1 or orifice\$1 or air flow  | 1280                       | <u>L18</u>                                 |

path\$1 or air flow passage\$1 or lumen\$1 or slot\$1)

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

L17 L15 and (impact\$3 particles or dirt) 13 L17

*DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ*

L16 L15 and "debris" 17 L16

L15 L14 and (tube or tubular or cylinder or cylindrical or pipe) 420 L15

L14 L13 and (temperature sensor or thermal sensor or temperature detector or thermal detector or temperature probe or thermal probe) 563 L14

L13 L12 and (hole\$1 or aperture\$1 or cavit\$3 or bore\$1 or orifice\$1 or air flow path\$1 or air flow passage\$1 or lumen\$1) 1199 L13

L12 (374/138,208,141,147,148)![CCLS] 3085 L12

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

L11 L10 and (hole\$1 or aperture\$1 or cavit\$3 or lumen\$1) 273 L11

L10 L9 and (cylindrical or tubular or cylinder or tube or pipe) 447 L10

L9 L6 and (flow path\$1 or flow passage\$1) 588 L9

L8 L6 and (aspiration holes) 3 L8

L7 L6 and (angled flow or angulated flow or aspiration probe or aspiration thermocouple) 4 L7

L6 374/\$.ccls. 28673 L6

L5 5653538[uref] 9 L5

L4 L2 and (air flow or fluid flow) 180 L4

L3 L2 and (flow) 565 L3

L2 374/208 1466 L2

*DB=PGPB; PLUR=YES; OP=ADJ*

L1 20030126925 1 L1

END OF SEARCH HISTORY